

Application No. 10/784,093

Reply to Office Action

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A surface coated phosphor comprising an uncoated phosphor and a continuous uniform coating comprising a crystalline rare earth oxide disposed on the uncoated phosphor.
2. (Original) The surface coated phosphor of claim 1, wherein said uncoated phosphor is a sulfide or oxide phosphor.
3. (Original) The surface coated phosphor of claim 2, wherein said uncoated phosphor is a sulfide phosphor.
4. (Original) The surface coated phosphor of claim 3, wherein said sulfide phosphor is a ZnS based phosphor.
5. (Original) The surface coated phosphor of claim 4, wherein said ZnS based phosphor is selected from the group consisting of ZnS:Cu; ZnS:Cu,Al; (Zn,Cd)S:Ag,Al; and combinations thereof.
6. (Original) The surface coated phosphor of claim 5, wherein said ZnS based phosphor is ZnS:Cu.
7. (Original) The surface coated phosphor of claim 1, wherein said rare earth oxide is Y_2O_3 .
- 8-35. (Canceled).
36. (Currently Amended) The surface coated phosphor of claim 1, wherein the continuous uniform coating has a thickness from 1 nm to about 1000 nm.
37. (Currently Amended) The surface coated phosphor of claim 1, wherein the continuous uniform coating has a thickness of from 1 nm to about 50 nm.